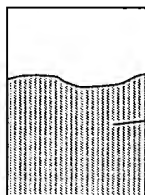


Figure 1

pH-Sensitive Mucoadhesive Film-Forming Gels



A

Composition of Gel:

- A solvent vehicle comprising at least 25% water
- Water-insoluble swellable mucoadhesive polymer(s)
- pH-sensitive film-forming polymer(s)
- Molecule of interest

pH-Sensitive Mucoadhesive Wax-Film Composites



A*

B

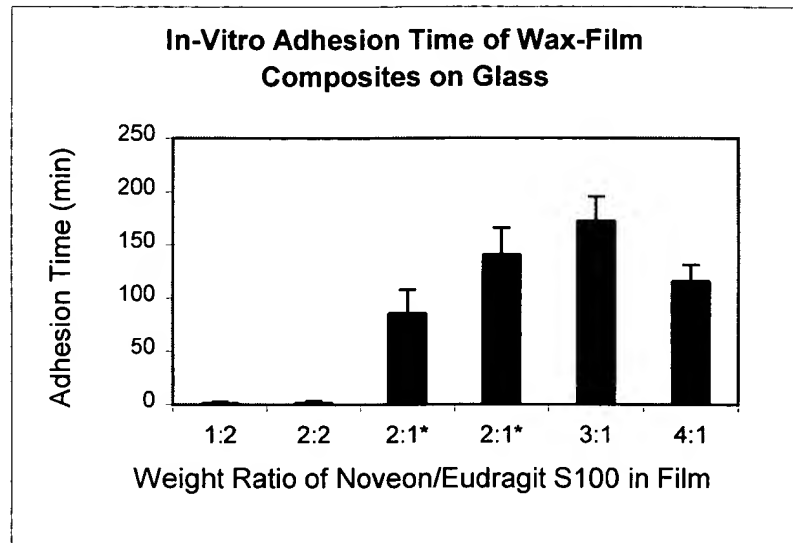
Composition of Wax-Film Composite:

- A*:** pH-sensitive mucoadhesive layer (comprised of the components of A above less the solvent vehicle)
- B:** Water-insoluble wax layer with water-soluble or water-swellable polymer

Note: Molecule of interest is contained in either A* or B, or both

09748133 122700

Figure 2



09746133-122700

Figure 3

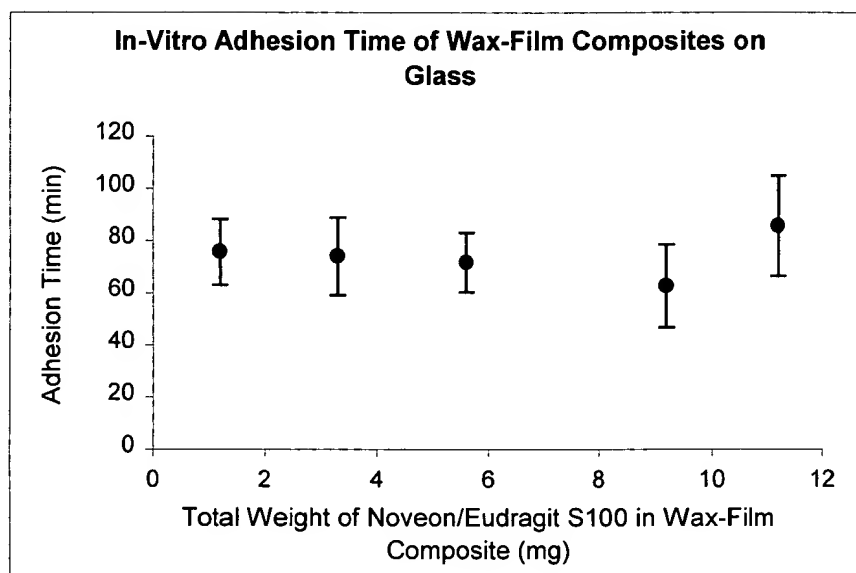


Figure 4

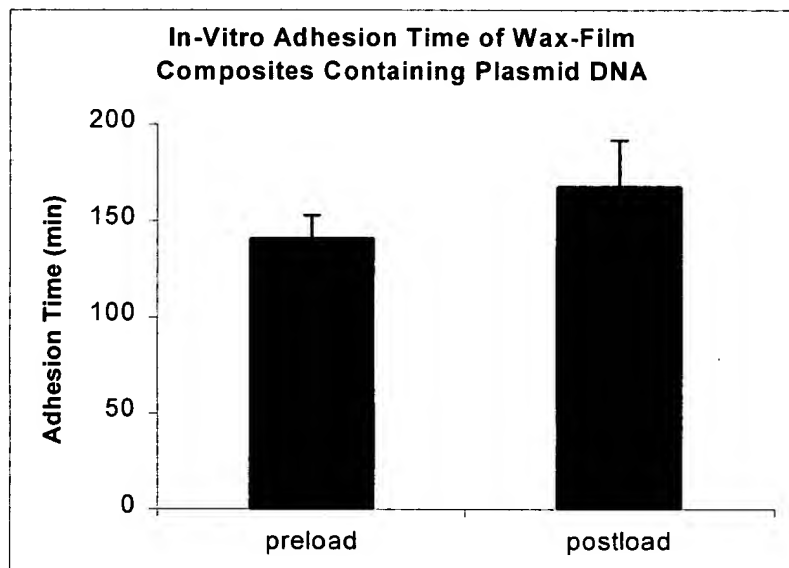
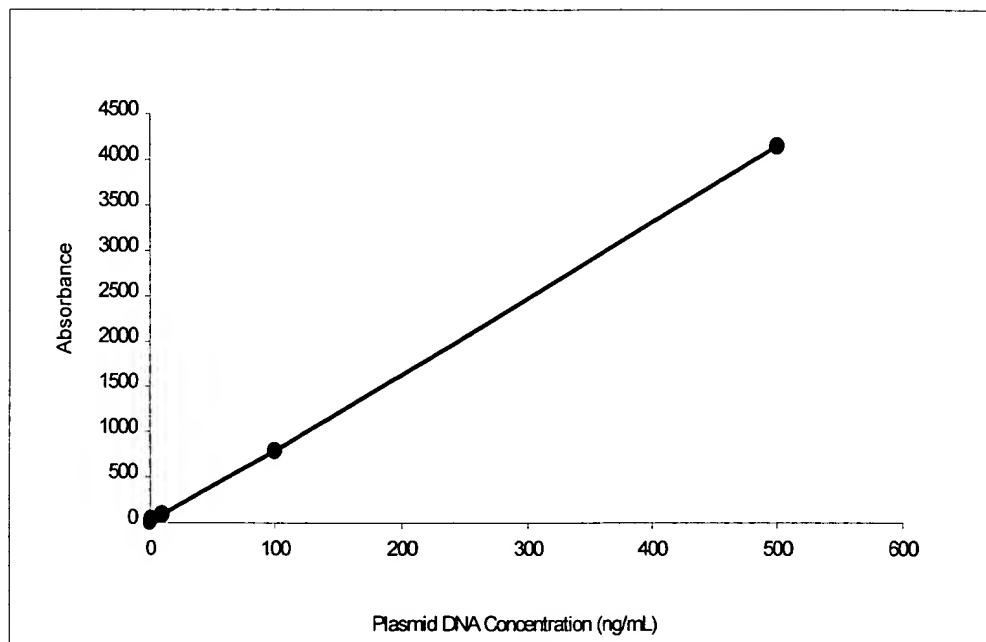
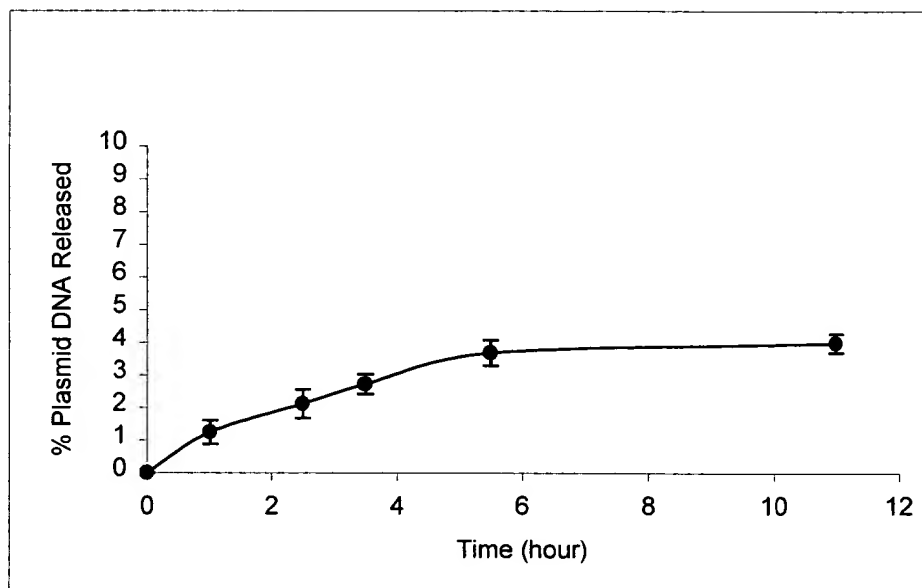


Figure 5



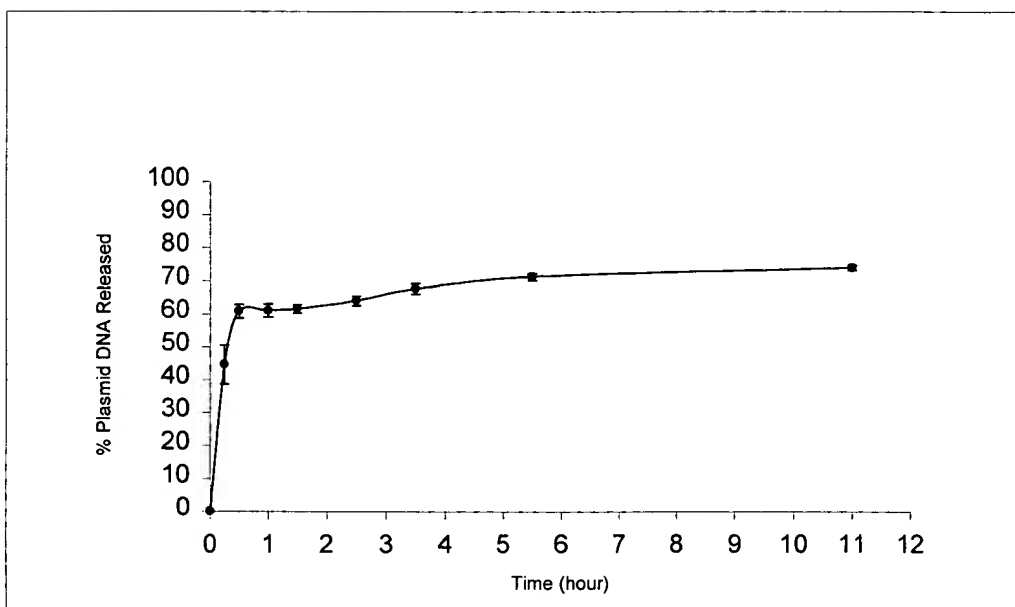
00/22/21 09:44:20

Figure 6



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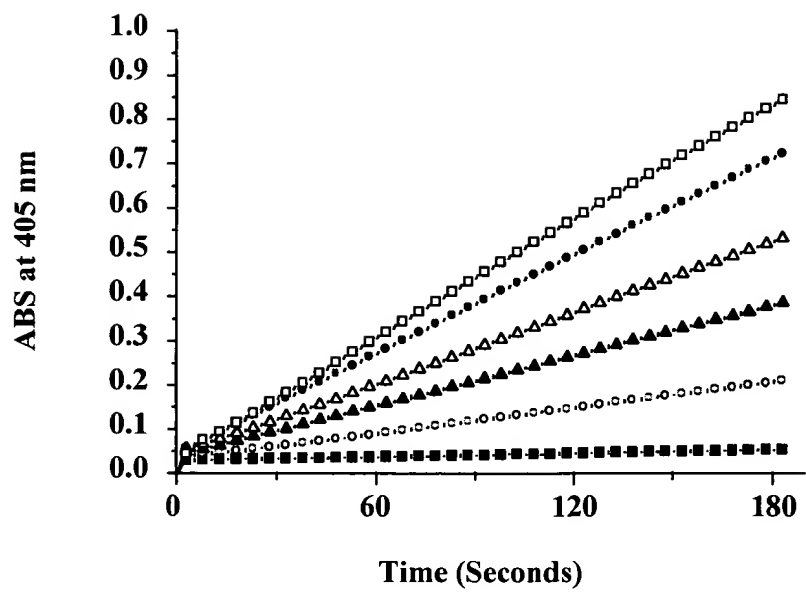
Figure 7



00/22/21 11:14:26

Figure 8

A



B

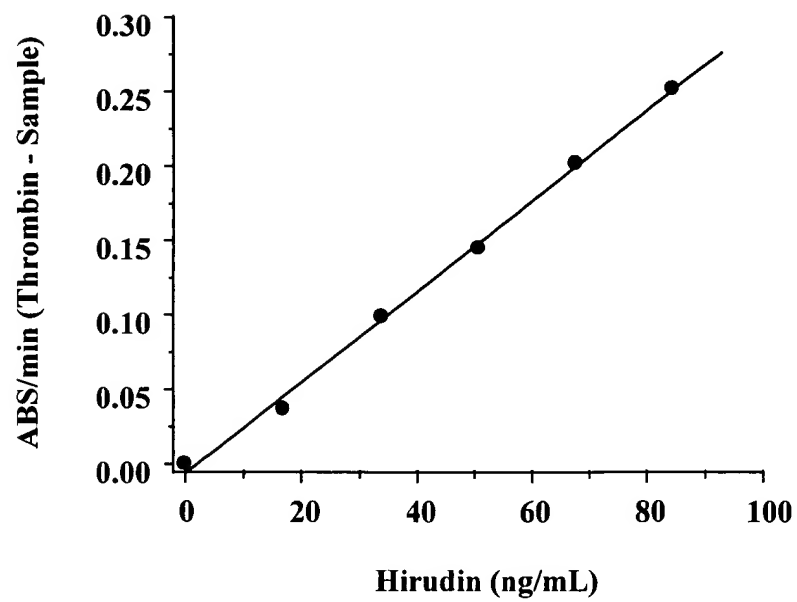


Figure 9

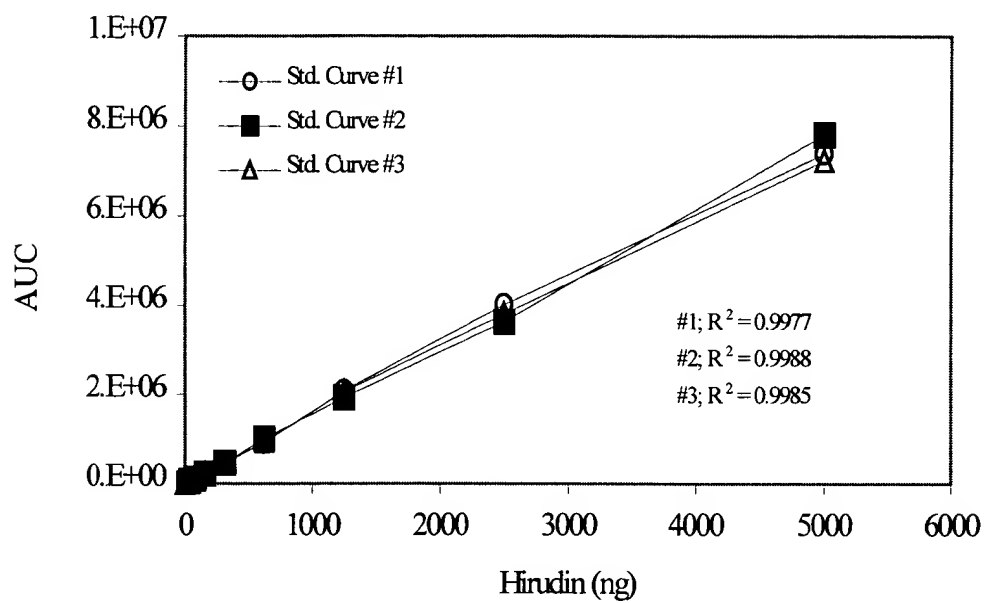


Figure 10

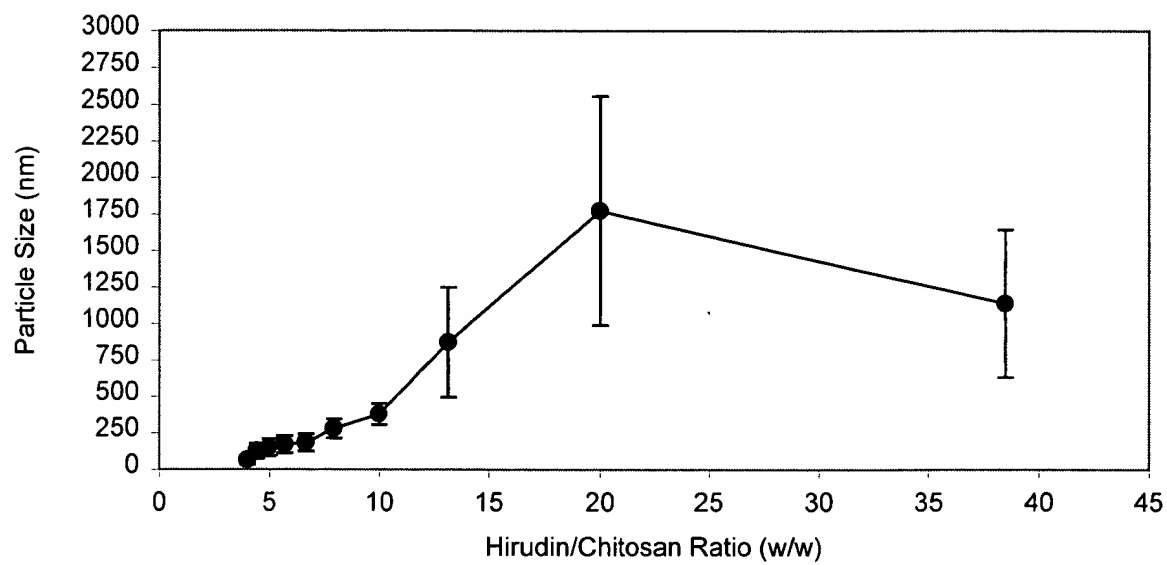


Figure 11

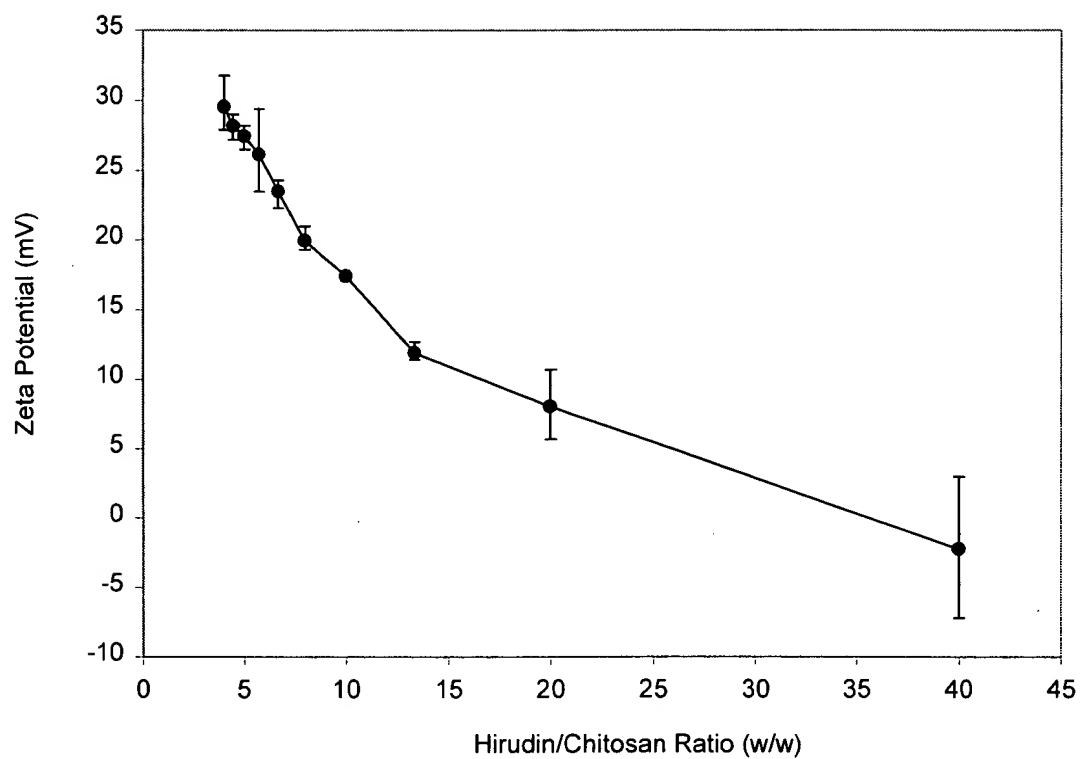


Figure 12

